Pilot project for underground water

596. SHRI SHANKER SINH VAGHELA:
SHRI PRAMOD MAHAJAN:

Will the PRIME MINISTER be pleased to state:

(a) whether a pilot project to map underground water in Kolar District of Karnataka has been completed;

(b) if so, what are the results thereof and the cost thereof;

(c) whether similar surveys for other districts would also be made; and

(d) if so, at what cost?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN): (a) and (b) Yes Sir. Groundwater potential map showing favourable areas for groundwater extraction has been prepared using Satellite Remote Sensing Data. The hydrogeomorphological features as derived from satellite data were used to identify potential areas of groundwater availability. The groundwater potential has been shown in four categories such as good, good to moderate, moderate and poor. This map also shows preliminary favourable sites for artificial groundwater recharge. The survey was carried out as part of an integrated land and water resources study involving six resource themes. In this particular caste the cost involved for the preparation of groundwater maps is estimated around rupees eighty thousand only since some data base was already available.

(c) Yes Sir. Under the drinking water technology mission, coordinated by Department of Rural Development, Ministry of Agriculture, ground-water potential maps are being prepared by Department of Space in collaboration with State Government Departments using Satellite Remote Sensing for fifty Districts. Out of the fifty districts groundwater potential maps have been completed for fourteen districts. In addition four states of Gujarat, Rajasthan, Maharashtra & Karnataka have been fully mapped for groundwater targetting. U.P. & Tamil Nadu have been partially mapped.

(d) For a typical district cost for integrated planning may be between rupees three to four lakhs approximately.

Appointment of Dassault of France for Designing of LCA

597. SHRI SHANKER SINH VAGHELA:
SHRI PRAMOD MAHAJAN:

Will the Minister of DEFENCE be pleased to state:

(a) whether Government have appointed the French firm M/s. Avions Marcel Dassault-Brequet Aviation (AMD-BA) in designing the LCA project;